=>

L1

=> d his; d tot ibib abs hitstr

(FILE 'HOME' ENTERED AT 10:04:17 ON 07 AUG 2006)

FILE 'REGISTRY' ENTERED AT 10:05:54 ON 07 AUG 2006

SCREEN 963 AND 1015

L2 SCREEN 1953

L3 STRUCTURE UPLOADED

L4 QUE L3 AND L1 NOT L2

L5 479 S L4 FUL

FILE 'USPATFULL' ENTERED AT 10:06:27 ON 07 AUG 2006

L6 19 S L5

L7 1599249 S PY>2001

L8 17 S L6 NOT L7

L8 ANSWER 1 OF 17 USPATFULL ON STN

ACCESSION NUMBER: 1998:142059 USPATFULL

TITLE: Fluoroalkylcarboxylic acid and derivative

thereof

INVENTOR(S): Kai, Yoshiaki, Neyagawa, Japan

PATENT ASSIGNEE(S): Matsushita Electric Industrial Co., Ltd.,

Japan

(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5820665		19981013

RELATED APPLN. INFO.: Division of Ser. No. US 1996-601360, filed on

16 Feb

1996, now patented, Pat. No. US 5669964

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1995-28486 JP 1995-186798	19950216 19950724

DOCUMENT TYPE: Utility FILE SEGMENT: Granted

PRIMARY EXAMINER: Brunsman, David

LEGAL REPRESENTATIVE: Wenderoth, Lind & Ponack

NUMBER OF CLAIMS: 4
EXEMPLARY CLAIM: 1,4

NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)

LINE COUNT: 769

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An object of the present invention is to provide a compound which

imparts a sufficient water repellency and a suitable oil repellency to

substrates such as a fiber, a paper, a wood material, a hide, a leather,

a resin, a glass, a metal, etc. The compound of the present invention is

a fluoroalkylcarboxylic acid of the general formula (I), and its

derivative of the general formula (II) (e.g. fluoroalkylalcohol,

fluoroalkyl carboxylic acid chloride, fluoroalkylcarboxylic acid amide

and fluoroalkylamine). ##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 185033-95-8P

(preparation of fluoroalkyl carboxylic acids and their derivs. as water

repellents with moderate oil repellency)

RN 185033-95-8 USPATFULL

CN 12-Octacosen-1-ol, 10-(2,2,3,3,4,4,5,5,5-nonafluoropentyl)-(9CI) (CA

INDEX NAME)

L8 ANSWER 2 OF 17 USPATFULL ON STN

ACCESSION NUMBER: 97:86083 USPATFULL

TITLE: Fluoralkycarboxylic acid and derivative

thereof

INVENTOR(S): Kai, Yoshiaki, Neyagawa, Japan

PATENT ASSIGNEE(S): Matsushita Electric Industrial Co., Ltd.,

Japan

(non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION: APPLICATION INFO.:	US 5669964 US 1996-601360		19970923 19960216	(8)

		NUMBER	DATE
PRIORITY	INFORMATION:	JP 1995-28486 JP 1995-186798	19950216 19950724
DOCUMENT	TVDE	U+ili+v	13330724

DOCUMENT TYPE: Utility FILE SEGMENT: Granted

PRIMARY EXAMINER: Brunsman, David

LEGAL REPRESENTATIVE: Wenderoth, Lind & Ponack

NUMBER OF CLAIMS: 1 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)

LINE COUNT: 744

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An object of the present invention is to provide a compound which

imparts a sufficient water repellency and a suitable oil repellency to

substrates such as a fiber, a paper, a wood material, a hide, a leather.

a resin, a glass, a metal, etc.

The compound of the present invention is a

fluoroalkylcarboxylic acid of

the general formula (I), and its derivative of the general

formula (II)

(e.g. fluoroalkyl alcohol, fluoroalkyl carboxylic acid

fluoroalkylcarboxylic acid amide and fluoroalkylamine).

##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 185033-95-8P

(preparation of fluoroalkyl carboxylic acids and their derivs. as water

repellents with moderate oil repellency)

RN 185033-95-8 USPATFULL

12-Octacosen-1-ol, 10-(2,2,3,3,4,4,5,5,5-nonafluoropentyl)-CN (9CI) (CA

INDEX NAME)

$$(CH_2)_9-OH$$

 $|Me-(CH_2)_{14}-CH=CH-CH_2-CH-CH_2-(CF_2)_3-CF_3$

USPATFULL on STN L8 ANSWER 3 OF 17

ACCESSION NUMBER:

94:93582 USPATFULL Switching device

INVENTOR(S):

TITLE:

Eguchi, Ken, Atsugi, Japan Sakai, Kunihiro, Yamato, Japan Kawada, Haruki, Atsugi, Japan Matsuda, Hiroshi, Yokohama, Japan

Morikawa, Yuko, Kawasaki, Japan Nakagiri, Takashi, Tokyo, Japan Hamamoto, Takashi, Yokohama, Japan Kuribayashi, Masaki, Inagi, Japan

PATENT ASSIGNEE(S):

Canon Kabushiki Kaisha, Tokyo, Japan (non-U.S.

corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5359204		19941025	
APPLICATION INFO.:	US 1992-964481		19921021	
RELATED APPLN. INFO.:	Continuation of S	Ser. No	. us 1991-	662389,

MINDED

filed on 19

Feb 1991, now abandoned which is a

continuation of Ser.

No. US 1987-106271, filed on 9 Oct 1987, now

abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1986-243684 JP 1986-309431 JP 1987-133157	19861013 19861224 19870527
DOCUMENT TYPE: FILE SEGMENT:	Utility Granted	23070327
PRIMARY EXAMINER: LEGAL REPRESENTATIVE: NUMBER OF CLAIMS:	Fitzpatrick, Cella 72	Harper & Scinto
EXEMPLARY CLAIM: NUMBER OF DRAWINGS: LINE COUNT:	1233	s); 8 Drawing Page(s)
structure	ce is characterized	by having periodical layer
of an organic ins memorizability w layer	sulator between a pait ith respect to switc	air of electrodes and having ching characteristic. The
	med of an amphiphili	ic compound according to
CAS INDEXING IS AVAILABLE IT 117580-81-1, 10,12-16	Pentacosadienoic act r- and o-level elect FULL	trons for switching
но2С— (СН2)8—СН—СН—СН	н— СН− (СН2) ₁₁ −Ме	
L8 ANSWER 4 OF 17 USF ACCESSION NUMBER: TITLE: INVENTOR(S):	94:75653 USPATFULL Skin treatment comp Bowser, Paul A., Me Froling, Albert, Vi Heslinga, Lammert,	position erseyside, England laardingen, Netherlands Maassluis, Netherlands
Netherlands		H., Rhoon, Netherlands
PATENT ASSIGNEE(S): Inc., New	Netherlands Prottey, Colin, Mer Elizabeth Arden Co	J., Louise de Colignylaan, rseyside, England ., Division of Conopco, tates (U.S. corporation)

NUMBER

us 5342976

PATENT INFORMATION:

KIND

DATE

19940830

APPLICATION INFO.: US 1992-966771 19921027 (7) RELATED APPLN. INFO.: Division of Ser. No. US 1990-541993. fi

RELATED APPLN. INFO.: Division of Ser. No. US 1990-541993, filed on 21 Jun

NUMBER

__ •

1990, now patented, Pat. No. US 5202357 which

is a

continuation-in-part of Ser. No. US

1983-505005, filed

on 16 Jun 1983, now patented, Pat. No. US

4950688

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1982-17413	19820616
	GB 1982-17414	19820616
	GB 1982-20442	19820714
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Ore, Dale R.	
LEGAL REPRESENTATIVE:	Honig, Milton L.	
NUMBED OF CLATME.	6	

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

1 1014

LINE COUNT: 1014 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition suitable for topical application to human skin comprises.

in addition to a suitable vehicle an active ingredient which can control

skin barrier functions. The active ingredient is (a) a long chain

ω-hydroxy fatty acid or a carboxy-substituted derivative, (b) an

hydroxy-or epoxy-derivative of an essential fatty acid or an ester

formed between (a) and (b). Certain novel compounds of structures (a),

(b) and (a)(b) esters are also claimed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 67329-09-3 89022-39-9 89022-40-2

89022-41-3

(for topical cosmetic and pharmaceutical compns.)

RN 67329-09-3 USPATFULL

CN 21-Triacontenoic acid, (21Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

RN 89022-39-9 USPATFULL CN 23-Triacontenoic acid, (23Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

89022-40-2 USPATFULL RN

CN 25-Dotriacontenoic acid, (Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

RN 89022-41-3 USPATFULL

25-Tetratriacontenoic acid, (25z)- (9CI) (CA INDEX NAME) CN

Double bond geometry as shown.

$$Me^{(CH2)7} \underbrace{z}_{CO2H}$$

L8 ANSWER 5 OF 17 **USPATFULL on STN**

ACCESSION NUMBER: 93:105601 USPATFULL

TITLE:

metal-insulator-

Method of driving device having

metal(mim)structure

Yanagisawa, Yoshihiro, Atsugi, Japan INVENTOR(S):

Kawade, Hisaaki, Atsugi, Japan Sakai, Kunihiro, Isehara, Japan Matsuda, Hiroshi, Isehara, Japan Kawada, Haruki, Yokohama, Japan Takimoto, Kiyoshi, Kawasaki, Japan Morikawa, Yuko, Kawasaki, Japan

Eguchi, Ken, Yokohama, Japan

PATENT ASSIGNEE(S): Canon Kabushiki Kaisha, Tokyo, Japan (non-U.S.

corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.: filed on 22	US 5270965 US 1993-58802 Continuation of		19931214 19930510 (8) US 1992-87361	3,
continuation of Ser.	Apr 1992, now al	andoned v	which is a	
continuation of Ser.	No. US 1991-6664	179, file	d on 6 Mar 199	1, now
abandoned	which is a conti	·		•
1989-328564,	willen is a cont	inuation	oi ser. No. US	

filed on 24 Mar 1989, now abandoned

NUMBER DATE PRIORITY INFORMATION: JP 1988-71763 19880328 Utility DOCUMENT TYPE: FILE SEGMENT: Granted Bowler, Alyssa H. Lane, Jack A. PRIMARY EXAMINER: ASSISTANT EXAMINER: LEGAL REPRESENTATIVE: Fitzpatrick, Cella, Harper & Scinto NUMBER OF CLAIMS: **EXEMPLARY CLAIM:** NUMBER OF DRAWINGS: 9 Drawing Figure(s); 4 Drawing Page(s) LINE COUNT: CAS INDEXING IS AVAILABLE FOR THIS PATENT. A method of driving a device having a pair of electrodes and AB organic insulating layer sandwiched therebetween. The device exhibits at least three states of different electroconductivities in response to an applied voltage. A transition from the first state to the second state is achieved by applying a voltage within a first predetermined range to the device in the first state, and a transition from the second state to the third state is achieved by applying a voltage within a second predetermined range to the device in the second state. CAS INDEXING IS AVAILABLE FOR THIS PATENT. IT 117580-81-1, 10,12-Pentacosadienoic acid (insulating layers, for MIM devices) RN 117580-81-1 USPATFULL CN 10,12-Pentacosadienoic acid (9CI) (CA INDEX NAME)

 $HO_2C-(CH_2)_8-CH=CH-CH=CH-(CH_2)_{11}-Me$

L8 ANSWER 6 OF 17 USPATFULL on STN

ACCESSION NUMBER: 93:63066 USPATFULL

TITLE: Process of directly imaging a thermosensitive

polyacetylene salt dyes

INVENTOR(S): Lewis, David F., Monroe, CT, United States

Hornby, John C., Washington Township, NJ,

United States

PATENT ASSIGNEE(S): ISP Investments Inc., Wilmington, DE, United

States

(U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 5232820 19930803 APPLICATION INFO.: us 1992-848493 19920309 Division of Ser. No. US 1991-670623, filed on RELATED APPLN. INFO.: 18 Mar 1991, now patented, Pat. No. US 5137964 DOCUMENT TYPE: Utility FILE SEGMENT: Granted Michl, Paul R. PRIMARY EXAMINER: ASSISTANT EXAMINER: Yoon, Tae H. Maue, Marilyn J., Ward, Joshua J. LEGAL REPRESENTATIVE: NUMBER OF CLAIMS: 12 **EXEMPLARY CLAIM:** 1 434 LINE COUNT: CAS INDEXING IS AVAILABLE FOR THIS PATENT. This invention relates to novel thermochromic quaternized polyacetylene salt derivatives which are visually imageable by exposure to a ·liaht source generating energy in a wavelength of from about 400 nm to about 1500 nm said salt derivative having a thermosensitivity of at least 50° C. and defined by the formula ##STR1## or a homopolymer thereof wherein X is the N-quaternized monovalent radical of a dye having an optical absorbance in a wavelength of from about 400 nm to about 1500 nm; V is the cationic residue of a carboxyl. sulfonate, thioate, thiolic, thionic or phosphonate radical; n has a 2 to 4 and X' is hydrogen, C.sub.4 to C.sub.25 alkyl, a polar hydrophilic group which promotes hydrogen bonding containing a radical of the group of an amino, amido, hydroxy, ester, ether, phenol, carboxy, halo, súlfonyl, sulfoxy, sulfinyl, silyl, silyoxy, phosphoro, phosphate. keto, carbamate, aldehyde, urea, urethane, a metal salt group or X' is selected from the group defined for X. CAS INDEXING IS AVAILABLE FOR THIS PATENT. 144574-04-9P (preparation of, as thermochromic dye for high resolution imaging or digital data recording) 144574-04-9 USPATFULL RN Benzothiazolium. CN 3-ethyl-2-[7-(3-ethyl-2(3H)-benzothiazolylidene)-1,3,5heptatrienyl]-, iodide, 10,12-pentacosadiynoate (9CI) (CA INDEX NAME)

10/518,091

CRN 66990-32-7 CMF C25 H42 O2

 $HO_2C-(CH_2)_8-C = C-C = C-(CH_2)_{11}-Me$

CM 2

CRN 3071-70-3 CMF C25 H25 N2 S2 . I

• I-

IT 145228-84-8DP, salts with diethylthiatricarbocyanine iodide (preparation of, as thermochromic dye for laser imaging)

RN 145228-84-8 USPATFULL

CN Benzothiazolium,

3-ethyl-2-[7-(3-ethyl-2(3H)-benzothiazolylidene)-1,3,5heptatrienyl]-, iodide, salt with 10,12-pentacosadiynoic acid homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 3071-70-3 CMF C25 H25 N2 S2 . I

2 CM

146311-75-3 CRN CMF (C25 H41 O2)x

CCI PMS

> CM 3

CRN 146311-74-2 CMF C25 H41 O2

 $-02C-(CH_2)_8-C=C-C=C-(CH_2)_{11}-Me$

L8 ANSWER 7 OF 17 **USPATFULL on STN**

ACCESSION NUMBER: 93:57044 USPATFULL TITLE: Cosmetic composition

Hagan, Desmond B., South Wirral, Great Britain Joiner, Andrew, Liverpool, Great Britain INVENTOR(S):

Curtis, Richard J., Wirral, Great Britain Chesebrough Pond's USA Co., Division of

PATENT ASSIGNEE(S):

Conopco, Inc.,

Greenwich, CT, United States (U.S.

corporation)

NUMBER KIND DATE PATENT INFORMATION: US 5227503 19930713 us 1992-853377 APPLICATION INFO.: 19920318 Division of Ser. No. US 1991-655518, filed on

RELATED APPLN. INFO.:

13 Feb

1991, now patented, Pat. No. US 5108751

19900213

NUMBER DATE

PRIORITY INFORMATION: GB 1990-3201 DOCUMENT TYPE:

Utility Granted

FILE SEGMENT: PRIMARY EXAMINER: ASSISTANT EXAMINER:

Dees, Jose G. Com, Deborah D.

LEGAL REPRESENTATIVE:

Honig, Milton L.

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

5 1

952 LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT. The invention concerns 2-hydroxyalkenoic acids within a

general formula

##STR1## where R' is chosen from: a. C.sub.w H.sub.2w,

b. C.sub.y H.sub.2y-1, and

c. C.sub.y H.sub.2y OZ

where Z is chosen from H, R" and (CH.sub.2).sub.n OR"

 $\mbox{\sc R"}$ is chosen from C.sub.m H.sub.2m+1 and (CH.sub.2).sub.n OC.sub.m

H.sub.2m+1;

w is an integer of from 1 to 25

y is an integer of from 2 to 25

m is an integer of from 1 to 4

n is an integer of from 1 to 6

Many compounds within the formula are novel and are claimed as such. The

invention also provides a process for making the compounds, and compositions for topical application to human skin, hair or nails which

contain compounds of the above formula and a cosmetically acceptable

vehicle.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 137055-66-4, 2-Hydroxy-4-hexacosenoic acid 137055-67-5,

2-Hydroxy-4-heptacosenoic acid 137055-68-6,

2-Hydroxy-4-octacosenoic acid 137055-69-7, 2-Hydroxy-4-nonacosenoic acid 137055-70-0

(skin and hair prepns. containing)

RN 137055-66-4 USPATFULL

CN 4-Hexacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)

RN 137055-67-5 USPATFULL CN 4-Heptacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)

RN 137055-68-6 USPATFULL CN 4-Octacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)

137055-69-7 USPATFULL RN

CN 4-Nonacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)

RN 137055-70-0 USPATFULL 4-Triacontenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME) CN

ANSWER 8 OF 17 L8 **USPATFULL on STN**

ACCESSION NUMBER:

93:29235 USPATFULL

TITLE:

Skin treatment composition

INVENTOR(S):

Bowser, Paul A., Merseyside, England Froling, Albert, Vlaardingen, Netherlands

Heslinga, Lammert, Maassluis, Netherlands Houtsmuller, Udo M. T., Vlaardingen,

Netherlands

Nugteren, Diederik H., Rhoon, Netherlands Pabon, Hendrik J. J., Vlaardingen, Netherlands

Prottey, Colin, Merseyside, England

PATENT ASSIGNEE(S):

Inc., New

Lever Brothers Company, Division of Conopco, York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION: APPLICATION INFO.: DISCLAIMER DATE:	us 5202357 us 1990-541993 20070821		19930413 19900621	•
RELATED APPLN. INFO.: 1983-505005, filed	Continuation-in-p	art of	Ser. No.	US

on 16 Jun 1983, now patented, Pat. No. US

4950688

		NUMBER	DATE
PRIORITY	INFORMATION:	GB 1982-17413 GB 1982-17414 GB 1982-20442	19820616 19820616 19820714

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10/518,091
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DOCUMENT TYPE: FILE SEGMENT:

Utility Granted

PRIMARY EXAMINER:

Ore, Dale R.

LEGAL REPRESENTATIVE:

Honig, Milton L.

NUMBER OF CLAIMS: **EXEMPLARY CLAIM:**

LINE COUNT:

1043

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

A composition suitable for topical application to human skin

comprises,

in addition to a suitable vehicle an active ingredient which

can control

skin barrier functions. The active ingredient is (a) a long ω-hydroxy fatty acid or a carboxy-substituted derivative, (b)

an

chain

hydroxy- or epoxy-derivative of an essential fatty acid or an

ester

formed between (a) and (b). Certain novel compounds of structures (a),

(b) and (a)(b) esters are also claimed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

67329-09-3 89022-39-9 89022-40-2

89022-41-3

(for topical cosmetic and pharmaceutical compns.)

67329-09-3 USPATFULL RN

21-Triacontenoic acid, (21z)- (9cI) (CA INDEX NAME) CN

Double bond geometry as shown.

RN 89022-39-9 USPATFULL

23-Triacontenoic acid, (23z)- (9cI) (CA INDEX NAME) CN

Double bond geometry as shown.

89022-40-2 USPATFULL RN

25-Dotriacontenoic acid, (Z)- (9CI) (CA INDEX NAME) CN

Double bond geometry as shown.

CN

RN 89022-41-3 USPATFULL

25-Tetratriacontenoic acid, (25z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

ANSWER 9 OF 17 L8 **USPATFULL on STN**

ACCESSION NUMBER: 92:66041 USPATFULL

Visually imageable polyacetylene salt dyes TITLE: INVENTOR(S):

Lewis, David F., Monroe, CT, United States Hornby, John C., Rutherford, NJ, United States

PATENT ASSIGNEE(S):

ISP Investments Inc., Wilmington, DE, United

States

(U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION: APPLICATION INFO.: DOCUMENT TYPE: FILE SEGMENT:	US 5137964 US 1991-670623 Utility Granted		19920811 19910318	(7)
PRIMARY EXAMINER: ASSISTANT EXAMINER: LEGAL REPRESENTATIVE:	Michl, Paul R. Yoon, Tae H. Maue, Marilyn J.,	, Ward,	Joshua J.	
NUMBER OF CLAIMS: EXEMPLARY CLAIM: LINE COUNT:	8 1 414			
CAS INDEXING IS AVAILABLE AB This invention repolyacetylene	LE FOR THIS PATENT elates to novel th		romic quat	ernized
salt derivatives	which are visuall	•	•	•
		. 7	_ C C	I 400

e to a

source generating energy in a wavelength of from about 400 nm to about

1500 nm said salt derivatives having a thermosensitivity of at least

50° C. and defined by the formula

XV--C.tbd.C).sub.n X'

or a homopolymer thereof wherein X is the N-quaternized monovalent

radical of a dye having an optical absorbance in a wavelength of from

about 400 nm to about 1500 nm; V is the cationic residue of a carboxyl,

sulfonate, thioate, thiolic, thionic or phosphonate radical; n has a

value of from 2 to 4 and X' is hydrogen, C.sub.4 to C.sub.25 alkyl, a

polar hydrophilic group which promotes hydrogen bonding containing a

radical of the group of an amino, amido, hydroxy, ester, ether, phenol,

carboxý, halo, sulfonyl, sulfoxy, sulfinyl, silyl, silyoxy, phosphoro.

phosphate, keto, carbamate, aldehyde, urea, urethane, a metal salt group

or X' is selected from the group defined for X.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 144574-04-9P

(preparation of, as thermochromic dye for high resolution imaging or digital

data recording)

RN 144574-04-9 USPĀTFULL

CN Benzothiazolium,

3-ethyl-2-[7-(3-ethyl-2(3H)-benzothiazolylidene)-1,3,5heptatrienyl]-, iodide, 10,12-pentacosadiynoate (9CI) (CA INDEX NAME)

CM 1

CRN 66990-32-7 CMF C25 H42 O2

$$HO_2C-(CH_2)_8-C \equiv C-C \equiv C-(CH_2)_{11}-Me$$

CM 2

CRN 3071-70-3 CMF C25 H25 N2 S2 . I

• I-

heptatrienyl]-, iodide, salt with 10,12-pentacosadiynoic acid homopolymer (9CI) (CA INDEX NAME)

CM 1

3071-70-3 **CRN** C25 H25 N2 S2 . I CMF

• I-

CM 2

146311-75-3 CRN (C25 H41 O2)x**CMF**

CCI **PMS**

> CM 3

CRN 146311-74-2 C25 H41 O2 CMF

 $-02C-(CH_2)8-C = C-C = C-(CH_2)_{11}-Me$

L8 ANSWER 10 OF 17 **USPATFULL on STN**

ACCESSION NUMBER:

92:33913 USPATFULL

TITLE:

Cosmetic composition comprising

2-hydroxyalkenoic acids

or a mixture thereof

INVENTOR(S):

Hagan, Desmond B., South Wirral, Great Britain

Joiner, Andrew, Liverpool, Great Britain Curtis, Richard J., Wirral, Great Britain Chesebrough-Pond's USA Co., Division of

PATENT ASSIGNEE(S):

Conopco, Inc.,

Greenwich, CT, United States (U.S.

corporation)

NUMBER KIND DATE

acceptable

vehicle.

PATENT INFORMATION: US 5108751 19920428 us 1991-655518 (7) APPLICATION INFO.: 19910213 NUMBER DATE GB 1990-3201 19900213 PRIORITY INFORMATION: DOCUMENT TYPE: Utility FILE SEGMENT: Granted Page, Thurman K. PRIMARY EXAMINER: Colucci, D. ASSISTANT EXAMINER: Honia, Milton L. LEGAL REPRESENTATIVE: NUMBER OF CLAIMS: **EXEMPLARY CLAIM:** 1 955 LINE COUNT: CAS INDEXING IS AVAILABLE FOR THIS PATENT. The invention concerns 2-hydroxyalkenoic acids within a general formula ##STR1## where R' is chosen from: a. C.sub.w H.sub.2w, b. C.sub.y H.sub.2y-1, and c. C.sub.y H.sub.2y OZ where z is chosen from H, R" and (CH.sub.2).sub.n OR" R" is chosen from C.sub.m H.sub.2m+1 and (CH.sub.2).sub.n OC.sub.m H.sub.2m+1: w is an integer of from 1 to 25 y is an integer of from 2 to 25 m is an integer of from 1 to 4 n is an integer of from 1 to 6 Many compounds within the formula are novel and are claimed as such. The invention also provides a process for making the compounds, and compositions for topical application to human skin, hair or nails which contain compounds of the above formula and a cosmetically

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 137055-66-4, 2-Hydroxy-4-hexacosenoic acid 137055-67-5,
2-Hydroxy-4-heptacosenoic acid 137055-68-6,
2-Hydroxy-4-octacosenoic acid 137055-69-7, 2-Hydroxy-4-nonacosenoic acid 137055-70-0

(skin and hair prepns. containing)

137055-66-4 USPATFULL RN

4-Hexacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME) CN

RN 137055-67-5 USPATFULL

4-Heptacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME) CN

137055-68-6 USPATFULL RN

4-Octacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME) CN

RN 137055-69-7 USPATFULL

4-Nonacosenoic acid, 2-hydroxy- (9CI) (CA INDEX NAME) CN

RN 137055-70-0 ·USPATFULL

4-Triacontenoic acid, 2-hydroxy- (9CI) CN (CA INDEX NAME)

USPATFULL on STN ANSWER 11 OF 17

ACCESSION NUMBER:

91:92251 USPATFULL

TITLE:

Superparamagnetic fluids and methods of making

superparamagnetic fluids

INVENTOR(S):

Wyman, John E., Westford, MA, United States Consolidated Chemical Consulting Co.,

PATENT ASSIGNEE(S): Westford, MA,

United States (U.S. corporation)

NUMBER KIND DATE PATENT INFORMATION: US 5064550 19911112 us 1990-535299 APPLICATION INFO.: 19900608 Continuation of Ser. No. US 1989-357988, RELATED APPLN. INFO.: filed on 26 May_1989, now abandoned Utility DOCUMENT TYPE: Granted FILE SEGMENT: Lewis, Michael PRIMARY EXAMINER: ASSISTANT EXAMINER: Kalinchak, Stephen G. Finnegan, Henderson, Farabow, Garrett, Dunner LEGAL REPRESENTATIVE: NUMBER OF CLAIMS: **EXEMPLARY CLAIM:** 1 LINE COUNT: 933 CAS INDEXING IS AVAILABLE FOR THIS PATENT. A superparamagnetic fluid having a non-polar hydrocarbon oil carrier liquid and coated magnetic particles coated with at least one acid selected from the group consisting of an organic acid containing only carbon and hydrogen atoms in the chain connected to the carboxyl group, wherein the chain contains at least 19 carbon atoms, and an amino acid acylated with a fatty acid, provided that said organic and amino acids are branched, unsaturated, or both. A method of making a superparamagnetic fluid, including providing an aqueous suspension of coated magnetic particles coated with at acid selected from the group consisting of an organic acid containing only carbon and hydrogen atoms in the chain connected to the carboxvl group, wherein the chain contains at least 19 carbon atoms, and an amino acid acylated with a fatty acid, provided that said orgaic and amino acids are branched, unsaturated, or both. The coated magnetic particles are then separated from water in the aqueous suspension and then dispersed in a non-polar hydrocarbon oil carrier liquid to form a superparamagnetic fluid. CAS INDEXING IS AVAILABLE FOR THIS PATENT. 67329-09-3, Lumequeic acid

(in magnetic particle coating for superparamagnetic fluid)

67329-09-3 USPATFULL

RN

CN 21-Triacontenoic acid, (21Z)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

L8 ANSWER 12 OF 17 USPATFULL ON STN

ACCESSION NUMBER:

90:65575 USPATFULL

TITLE:

Skin treatment composition

INVENTOR(S):

Bowser, Paul A., Merseyside, United Kingdom Froling, Albert, Vlaardingen, Netherlands Heslinga, Lammert, Maassluis, Netherlands

Houtsmuller, Udo M. T., Vlaardingen,

Netherlands

Nugteren, Diederik H., Rhoon, Netherlands Pabon, Hendrik J. J., Vlaardingen, Netherlands

Prottey, Colin, Merseyside, United Kingdom

PATENT ASSIGNEE(S):

Conopco, Inc., New York, NY, United States

(U.S.

corporation)

	NUMBER	KIND DATE	
PATENT INFORMATION: APPLICATION INFO.:	us 4950688 us 1983-505005	19900821 19830616	(6)
	NUMBER	DATE	
PRIORITY INFORMATION:	GB 1982-17413 GB 1982-17414 GB 1982-20442	19820616 19820616 19820714	
DOCUMENT TYPE:	Utility	13020714	

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Ore, Dale R.
LEGAL REPRESENTATIVE: Honig, Milton L.

NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
LINE COUNT: 932

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition suitable for topical application to human skin comprises,

in addition to a suitable vehicle and a perfume, an active ingredient

which can control skin barrier functions. The active ingredient is (a) a

long chain ω-hydroxy fatty acid or a carboxy-substituted derivative, (b) an hydroxy- or epoxy-derivative of an essential fatty

acid or an ester formed between (a) and (b). Certain novel compounds of

structures (a), (b) and (a)(b) esters are also claimed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

67329-09-3 89022-39-9 89022-40-2

89022-41-3

(for topical cosmetic and pharmaceutical compns.)

67329-09-3 USPATFULL RN

21-Triacontenoic acid, (21z)- (9CI) (CA INDEX NAME) CN

Double bond geometry as shown.

RN 89022-39-9 USPATFULL

23-Triacontenoic acid, (23Z)- (9CI) (CA INDEX NAME) CN

Double bond geometry as shown.

89022-40-2 USPATFULL RN

25-Dotriacontenoic acid, (Z)- (9CI) (CA INDEX NAME) CN

Double bond geometry as shown.

RN 89022-41-3 USPATFULL

25-Tetratriacontenoic acid, (25Z)- (9CI) (CA INDEX NAME) CN

Double bond geometry as shown.

USPATFULL on STN L8 ANSWER 13 OF 17

ACCESSION NUMBER:

86:51096 USPATFULL

TITLE:

Salts of alkenylsuccinic monoesters

Yamashita, Osamu, Utsunomiya, Japan Moriyama, Noboru, Utsunomiya, Japan INVENTOR(S):

Ootani, Shoji, Oosaka, Japan

Wasamoto, Katsuyo, Wakayama, Japan

KAO Corporation, Tokyo, Japan (non-U.S.

PATENT ASSIGNEE(S): corporation)

KIND NUMBER DATE US 4611087 PATENT INFORMATION: 19860909 US 1983-548097 APPLICATION INFO.: 19831102 (6) NUMBER DATE PRIORITY INFORMATION: 19821108 JP 1982-195636 JP 1982-229555 19821224 DOCUMENT TYPE: Utility FILE SEGMENT: Granted Trousof, Natalie PRIMARY EXAMINER: ASSISTANT EXAMINER: Clarke, Vera C. Oblon, Fisher, Spivak, McClelland & Maier LEGAL REPRESENTATIVE: NUMBER OF CLAIMS: 1 EXEMPLARY CLAIM: 654 LINE COUNT: CAS INDEXING IS AVAILABLE FOR THIS PATENT. Novel salts of alkenylsuccinic monoesters represented by the following formulas (I) or (II): ##STR1## in which R.sub.1 represents a hydrocarbon group, R.sub.2 represents a hydrogen atom or a methyl group, A represents an alkylene group having from 2 to 4 carbon atoms, B represents a carbonyl group or a methylene group, M is a monovalent or divalent cation. The monoesters can be emulsion-polymerized under optimum conditions while varying the hydrophilic and oleophilic balance depending on the type of monomer because they have hydrophobic hydrocarbon groups and oleophilic carboxylate groups and ether bonds of polyalkyleneoxy groups. The compounds according to the invention are an excellent reactive surface active agent, and also useful as an improver or modifier for polymer because they can impart hydrophilicity to hydrophobic resins when they are used in larger amounts as in the case of reactive surface active agents employed for ordinary. CAS INDEXING IS AVAILABLE FOR THIS PATENT. 97851-70-2 (latexes, mech. stable and water-resistant) RN 97851-70-2 USPATFULL 2-Propenoic acid, 2-methyl-, methyl ester, polymer with 2-aminoethanol compd. with α -(3-carboxytetracosenyl-1-oxopropyl)- ω -(2propenyloxy)poly(oxy-1,2-ethanediyl) (1:1), 2-ethylhexyl
2-propenoate
 and 2-propenenitrile (9CI) (CA INDEX NAME)

CM 1

CRN 107-13-1 CMF C3 H3 N

 $H_2C = CH - C = N$

CM 2

CRN 103-11-7 CMF C11 H20 O2

CM 3

CRN 80-62-6 CMF C5 H8 O2

CM 4

CRN 97851-69-9 CMF C2 H7 N O . (C2 H4 O)n C31 H56 O4

CM 5

CRN 141-43-5 CMF C2 H7 N O

H2N-CH2-CH2-OH

6 CM

97851-68-8 CRN

(C2 H4 O)n C31 H56 O4 CMF

IDS, PMS CCI

CDES 8:ID

CM 7

27274-31-3 CRN

(C2 H4 O)n C3 H6 OCMF

CCI

CM 8

CRN 97851-67-7

C28 H52 O4 CMF

CCI IDS CDES *

CM

97851-66-6 CRN CMF C28 H54 O4

L8 ANSWER 14 OF 17 **USPATFULL on STN**

ACCESSION NUMBER:

81:19050 _USPATFULL

TITLE:

Polyprenyl derivatives

INVENTOR(S):

Mishima, Hiroshi, Hiromachi, Japan

Ogiso, Akira, Hiromachi, Japan

Kobayashi, Shinsaku, Hiromachi, Japan

PATENT ASSIGNEE(S): Sankyo Company Limited, Tokyo, Japan (non-U.S.

corporation)

NUMBER KIND DATE PATENT INFORMATION: US 4260551 19810407 us 1979-11514 19790212 APPLICATION INFO.: RELATED APPLN. INFO.: Continuation of Ser. No. US 1977-807913,

filed on 20

Jun 1977, now abandoned which is a division

of Ser. No.

US 1975-633097, filed on 18 Nov 1975, now

patented,

Pat. No. US 4059641

DOCUMENT TYPE: FILE SEGMENT:

Utility Granted

PRIMARY EXAMINER: ASSISTANT EXAMINER:

Myers, Jane S. Hendriksen, L.

LEGAL REPRESENTATIVE:

Frishauf, Holtz, Goodman & Woodward

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

32 1

LINE COUNT:

1527

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Polyprenyl derivatives having the formula ##STR1## in which R.sup.1 and

R.sup.2 may be the same or different and each represents hydrogen atom,

hydroxyl group, an alkoxy group having 1-8 carbon atoms, an aliphatic

acyloxy group having 2-18 carbon atoms, an aromatic acyloxy group or an

araliphatic acyloxy group having 2-3 carbon atoms in the aliphatic acyl

moiety, R.sup.3 represents hydrogen atom, an alkyl group having 1-8

carbon atoms, an aliphatic acyl group having 2-18 carbon atoms. an

aromatic acyl group or an araliphatic acyl group having 2-3 carbon atoms

in the aliphatic acyl moiety, n is an integer of 1-4 and, when n is an

integer of 2-4, R.sup.2 's may be the same or different; provided that,

when n'is 1 or 2, at least one of R.sup.1 and R.sup.2 's is hydroxyl

group, an alkoxy group, an aliphatic acyloxy group, an aromatic acyloxy

group or an araliphatic acyloxy group. These derivatives are useful as medicines for treating peptic ulcer.

mean emile for creating peptite arecr

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 64218-22-0P

(preparation of) 64218-22-0 USPATFULL

RN 64218-22-0 USPATFULL
CN 2,6-Octadiene-1,8-diol, 6-methyl-2-(4,8,12-trimethyl-3,7,11-octadecatrienyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

PAGE 1-B

L8 ANSWER 15 OF 17 **USPATFULL on STN**

ACCESSION NUMBER: 80:12811 USPATFULL Polyprenyl derivatives TITLE:

INVENTOR(S): Mishima, Hiroshi, Tokyo, Japan

Ogiso, Ákira, Tokyo, Japan Kobayashi, Shinsaku, Tokyo, Japan

PATENT ASSIGNEE(S): Sankyo Company Limited, Tokyo, Japan (non-U.S.

corporation)

	NUMBEK KINI	D DATE	
PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.: 20 Jun Ser. No. US	US 4192953 US 1979-1162 Division of Ser. No. (19800311 19790104 (6) US 1977-807913, filed on	
	1977, now abandoned which is a division of		
	1975-633097, filed on	18 Nov 1975, now	

patented, Pat.

No. US 4059641

Utility DOCUMENT TYPE: FILE SEGMENT: Granted

PRIMARY EXAMINER: Mars. Howard T.

LEGAL REPRESENTATIVE: Frishauf, Holtz, Goodman & Woodward

NUMBER OF CLAIMS: 6 **EXEMPLARY CLAIM:** 1 1492 LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Polyprenyl derivatives having the formula ##STR1## in which R.sup.1 and

R.sup.2 may be the same or different and each represents hydrogen atom,

hydroxyl group, an alkoxy group having 1-8 carbon atoms, an aliphatic

acyloxy group having 2-18 carbon atoms, an aromatic acyloxy group or an

araliphatic acyloxy group having 2-3 carbon atoms in the aliphatic acyl

moiety, R.sup.3 represents hydrogen atom, an alkyl group having 1-8

carbon atoms, an aliphatic acyl group having 2-18 carbon

aromatic acyl group or an araliphatic acyl group having 2-3 carbon atoms

in the aliphatic acyl moiety, n is an integer of 1-4 and, when n is an

interger of 2-4, R.sup.2 's may be the same or different; provided that,

when n is 1 or 2, at least one of R.sup.2 and R.sup.2 's is hydroxyl

group, an alkoxy group, an aliphatic acyloxy group, an aromatic acyloxy

group or an araliphatic acyloxy group. These derivatives are useful as

medicines for treating peptic ulcer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 64218-22-0P

RN

(preparation of) 64218-22-0 USPATFULL

CN 2,6-Octadiene-1,8-diol, 6-methyl-2-(4,8,12-trimethyl-3,7,11-octadecatrienyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

PAGE 1-B

L8 ANSWER 16 OF 17 USPATFULL ON STN

ACCESSION NUMBER: TITLE:

77:61750 USPATFULL Polyprenyl derivatives

INVENTOR(S):

Mishima, Hiroshi, Hiromachi, Japan

Ogiso, Akira, Hiromachi, Japan

Kobayashi, Shinsaku, Hiromachi, Japan

PATENT ASSIGNEE(S):

Sankyo Company Limited, Tokyo, Japan (non-U.S.

corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION: APPLICATION INFO.: DOCUMENT TYPE: FILE SEGMENT: PRIMARY EXAMINER: LEGAL REPRESENTATIVE: NUMBER OF CLAIMS: EXEMPLARY CLAIM: LINE COUNT:	US 4059641 US 1975-633097 Utility Granted Helfin, Bernard Flynn & Frishauf 11 1 1465		19771122 19751118	(5)
CAS INDEXING IS AVAILABL	LE FOR THIS PATENT			

AB Polyprenyl derivatives having the formula ##STR1## in which R.sup.1 and

R.sup.2 may be the same or different and each represents hydrogen atom,

hydroxyl group, an alkoxy group having 1-8 carbon atoms, an aliphatic

acyloxy group having 2-18 carbon atoms, an aromatic acyloxy group or an

araliphatic acyloxy group having 2-3 carbon atoms in the aliphatic acyl

moiety, R.sup.3 represents hydrogen atom, an alkyl group having 1-8

carbon atoms, an aliphatic acyl group having 2-18 carbon atoms, an

aromatic acyl group or an araliphatic acyl group having 2-3 carbon atoms

in the aliphatic acyl moiety, n is an integer of 1-4 and, when n is an

integer of 2-4, R.sup.2 's may be the same or different; provided that,

when n is 1 or 2, at least one of R.sup.1 and R.sup.2 's is hydroxyl

group, an alkoxy group, an aliphatic acyloxy group, an aromatic acyloxy

group or an araliphatic acyloxy group. These derivatives are useful as medicines for treating peptic ulcer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 64218-22-0P

(preparation of) 64218-22-0 USPATFULL

RN 64218-22-0 USPATFULL CN 2,6-Octadiene-1,8-diol, 6-methyl-2-(4,8,12-trimethyl-3,7,11-octadecatrienyl)- (9CI) (CA INDEX NAME)

PAGE 1-A

PAGE 1-B

L8 ANSWER 17 OF 17 USPATFULL ON STN

72:33974 USPATFULL

TITLE:

ACCESSION NUMBER:

PREPARATION OF OLEFINS VIA PT-SN CATALYST

10/518,091

INVENTOR(S):
Schell, Raymond A., Berkley, MI, United States

Kehoe, Lawrence J., Huntington Woods, MI,

United States

PATENT ASSIGNEE(S): Ethyl Corporation, New York, NY, United States

NUMBER KIND DATE

PATENT INFORMATION: US 3674889 19720704

APPLICATION INFO.: US 1970-49161 19700623 (5) RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US

1968-776788, filed

on 18 Nov 1968, now abandoned

DOCUMENT TYPE: Utility FILE SEGMENT: Granted

PRIMARY EXAMINER: Gantz, Delbert E.
ASSISTANT EXAMINER: 0'Keefe, Veronica
LEGAL REPRESENTATIVE: Johnson; Donald L.

NUMBER OF CLAIMS: 16 LINE COUNT: 271

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for preparing unsaturated organic compounds by reacting an

allylic alcohol and a ketone or aldehyde in the presence of carbon

monoxide using a hydrohalo acid of a Group VIII metal/germanium or tin

salt combination catalyst is described. The unsaturated organic compounds are principally hydrocarbon olefins having a

molecular weight

greater than the allylic alcohol reactant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 36727-42-1

(reaction of, with carbonyl compds. in presence of carbon monoxide, for

manufacture of polyunsatd. olefins, catalysts for)

RN 36727-42-1 USPATFULL

CN 2-Triaconten-1-ol (9CI) (CA INDEX NAME)

 $HO-CH_2-CH=-CH-(CH_2)_{26}-Me$